

## **4<sup>th</sup> GRADE VISUAL ART LESSON: Movement in Art**

### **STANDARD: Perceiving**

#### **OBJECTIVE:**

Repeating elements to create movement in artwork.

#### **MATERIALS:**

For Teacher:

- \*Pre-made Zoetrope
- \*Pre-made animation strip

For students:

- \*Scissors
- \*Cellophane tape
- \*Zoetrope kit (copied on cardstock)
- \*Animation strip (on bond paper)
- \*Pencil
- \*Broad tip black markers /or black crayons

#### **VOCABULARY:**

- \*Zoetrope
- \*Animation

#### **PRIOR KNOWLEDGE:**

- \*Use of block-in and gesture as starting skills for drawing
- \*Patterning

#### **MASTERWORKS:**

- \*Animation samples

#### **LITERATURE LINKS:**

- \*"How To" books on animation and cartooning

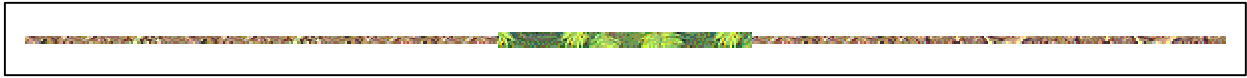
#### **FOLLOW-UP:**

Students create own stories using animation strips.

#### **LESSON ACTIVITY:**

1. Discuss movement in art (repeating elements: color, shape, line, creates "visual movement: or illusion of movement).
2. Demonstrate the Zoetrope.
3. Pass out materials to students.
4. Demonstrate how to construct Zoetrope.
5. Students cut out Zoetrope pieces. Color the back of the circle black (using marker or crayons); this helps the eye see the animation strip better.
6. Assemble the Zoetrope, using cellophane tape (following the instructions with the animation strips.

7. Demonstrate what to do next with the animation strip. Start simple, with a basic line or shape that gradually changes, e.g. in position or size.



8. Students draw own animation strip (draw lines dark for better visual).
9. Insert strip in Zoetrope, and have fun! Discover new creations and dazzle each other in class.

### **Making the Zoetrope** (instructions only, no picture)

Zoetrope pieces:

- 1 circle  $4\frac{7}{8}$ " in diameter -put place for a pencil at center of circle, color back side black. (This is base of Zoetrope)
- 2 strips for sides of Zoetrope ( $7\frac{7}{8}$ " long,  $2\frac{5}{8}$ " wide with  $\frac{1}{4}$ " tab on one side. Tabs are  $\frac{7}{8}$ " apart beginning  $\frac{1}{4}$ " from edge of strip. Place  $\frac{1}{4}$ " x  $\frac{7}{8}$ " slit  $\frac{3}{8}$ " down from edge without tabs every inch apart, starting  $\frac{3}{4}$ " from one end (color one side black).

Animation strip (cut 2):

1  $\frac{1}{4}$ " wide x  $7\frac{1}{4}$ " long

Stem piece:

1  $\frac{9}{16}$ " wide x  $3\frac{1}{4}$ " long. Make 4 slits ( $\frac{3}{4}$ " long,  $\frac{5}{16}$ " apart) on one end of long portion of stem piece

Method:

1. Cut out the zoetrope pieces
2. Fold up the walls so the black sides face out. Bend and tape the tabs on black side of circle (base of Zoetrope). Tape the walls together where they meet each other.
3. Roll the stem piece around a pencil with the slit portion of stem extending beyond the pencil.
4. Bend the top pieces (slits on stem) out at 90 degree angles.
5. Center the stem on the black "target". Tape into place.
6. Cut out the animation strips. Tape them together in a circle with the art facing *inward*. Drop the strip into the zoetrope.
7. Slowly spin the zoetrope. Watch through the holes to see the animation spring to life.